



TUBB2A (Acetyl-K379) polyclonal antibody

Catalog: BS64103

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Tubulin is a major cytoskeleton component that has five distinct forms, designated a, b, g, d and e tubulin. a and b tubulins form heterodimers which multimerize to form a microtubule filament. Multiple b Tubulin isoforms (b1, b2, b3, b4, b5, b6 and b8) have been characterized and are expressed in mammalian tissues. b1 and b4 are present throughout the cytosol, b2 is present in the nuclei and nucleoplasm, and b3 is a neuron-specific cytoskeletal protein. g Tubulin forms the gamma-some, which is required for nucleating microtubule filaments at the centrosome. Both d Tubulin and e Tubulin are associated with the centrosome. d Tubulin is a homolog of the Chlamydomonas d Tubulin Uni3 and is found in association with the centrioles, whereas e Tubulin localizes to the pericentriolar material. e Tubulin exhibits a cell cycle-specific pattern of localization; first associating with only the older of the centrosomes in a newly duplicated pair, and later associating with both centrosomes.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 49 kDa

Swiss-Prot:

Q13885/Q9BVA1/Q13509/P04350/P68371/P07437/Q9B
UF5

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

TUBB2A (Acetyl-K379) polyclonal antibody detects endogenous levels of TUBB2A protein only when acetylated at Lys379. This antibody also recognizes TUBB2B/3/4A/4B/6 protein when acetylated at the corresponding residues.

DATA:

Western blot (WB) analysis of TUBB2A (Acetyl-K379) polyclonal antibody at 1:500 dilution

Lane1:C6 whole cell lysate(40ug)

Lane2:PC12 whole cell lysate(40ug)

Lane3:Hela whole cell lysate(40ug)

Note:

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park,
MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046,
P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151